

TROYB, S.G.; CHERNYATIN, A.N.; PASTUKHOV, G.M.

Classification of compacted excavator peat. Gaz. prom. 5
no. 12:15-17 D '60. (MIRA 14:1)
(Peat gasification)

LISIYENKO, V.G., inzh.; KOKAREV, N.I., dots., kand.tekhn.nauk;
TROYB, S.G., prof., doktor tekhn.nauk

Motion-picture photography of the fuel oil burner flame in
open-hearth furnaces. Izv.vys.ucheb.zav.; Chern.Met. 2
no.8:127-134 Ag '59. (MIRA 13:4)

1. Ural'skiy politekhnicheskiy institut. Rekomendovano kafedroy
metallurgicheskikh pechey Ural'skogo politekhnicheskogo
instituta.

(Open-hearth furnaces--Equipment and supplies)
(Motion pictures in industry)

TROYB, S. G. (Docent); KANTOROV, M. V. (Docent)

"Fuels and Combustion Calculations," from the book Metallurgical Furnaces
(Metallurgicheskiye Pechi) Metallurgizdat, 1951.

Candidate of Technical Sciences

TROYB, S.G.; CHERNYATIN, A.N.; VELIZHEV, F.K.

Gasification of fuel oil. Izv.vys.ucheb.zav.; chern.met. 4 no.6:
194-197 '61. (MIRA 14:6)

1. Ural'skiy politekhnicheskiy institut.
(Petroleum as fuel)

ТРОЙБ, Самуил Григор'евич.

[Air excess coefficient control] Kontrol' koeffitsienta izbytko
vozdukh. Moskva, Metallurgizdat, 1955. 227 p. (MLRA 9:6)
(Combustion)

BUDRIN, Dmitriy Vasil'yevich; GLINKOV, Mark Alekseyevich, prof.,
doktor tekhn. nauk; KUZ'MIN, Mikhail Aleksandrovich;
PLOTNIKOV, Liveriy Alekseyevich; SEMIKIN, Iosif Danilovich;
TROYB, Samuil Grigor'yevich; SAL'NIKOV, A.P., red.izd-va;
ISLENT'YEVA, P.G., tekhn. red.

[Metallurgical furnaces] Metallurgicheskie pechi. [By] D.V.
Budrin i dr. Moskva, Metallurgizdat. Pt.1. [Fuel, refractories,
principles of heat engineering processes] Toplivo, ogneupory,
osnovy pechnoi teplotekhniki. 1963. 436 p. (MIRA 16:10)
(Metallurgical furnaces)

TRCYB, Ye. G.

Peat

Mechanization of the excavating and loading process of peat with the machine unit
UKB-SKS., Torf. prom., 29, no. 2, 1952

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED

FRUITS, Ye. G., Eng.

Peat Industry

Type of the processing equipment of an excavator. Torf. prom. 30, No. 3, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

Troyegubov, I. I.

3-9-7/31

AUTHOR: Troyegubov, I. I.

TITLE: Notes on the Teaching of Political Economy by Correspondence
(Zametki o prepodavanii politicheskoy ekonomii zachnikam)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 9, pp 24-25 (USSR)

ABSTRACT: In this article the author deals with the system of control work in the correspondence study of political economy. He does not agree with this method and confirms his opinion on the basis of the experience of the Kirov institutes of agriculture and pedagogics.

He criticizes the composition of themes for control work: there are more than 70 themes proposed. The author suggests reorganizing and limiting them to some basic themes of political economy. He suggests that the chairs be authorized to indicate subjects for control work, which would require more careful criticism and recommendation of literature. At present, he states, it is difficult to compose a good control work using only the current list of recommended literature. This list ought to be supplemented and improved.

The author proposes introducing course works which must be defended in an open session of the committee. He indicates

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Notes on the Teaching of Political Economy by Correspondence 3-9-7/31

a number of themes on this subject: "The Socialist System of Agriculture", "Radical Advantages of the Socialist System of Agriculture With Respect to Small Peasant Homesteads and Extensive Capitalist Farming, etc."

ASSOCIATION: The Kirov Institute of Agriculture (Kirovskiy sel'skokhozyaystvennyy institut)

AVAILABLE: Library of Congress

Card 2/2

TROYEGUBOV, V.I., inzh.

Measuring the production volume and labor productivity of
the industrial enterprises of river transportation in
standard manufacturing cost indices. Trudy LIT no.74:
52-60 '64. (MIRA 16:11)

ACCESSION NR: AR4034730

8/0124/64/000/003/B062/B062

SOURCE: Ref. zh. Mekhan., Abs. 3B383

AUTHOR: Troyepol'skaya, O. V.

TITLE: On one schematic of cavitational flow of a heavy liquid

CITED SOURCE: Sb. Itog. Nauchn. konferentsiya Kazansk. un-ta za 1962 g. Sekts. matem. n.. Kazan', Kazansk. un-t, 1963, 181-183

TOPIC TAGS: hydromechanics, hydrodynamics, hydraulics, flow characteristic

TRANSLATION: The influence of the force of gravity is studied in a problem on the interrupted flowby of a wedge according to the schematic of Ryabushinskiy, under the assumption that this influence is small. The form of the cavity is taken as symmetrical relative to some vertical axis, and the angle of inclination of the edges of the cavity to the horizontal axis is considered small. Final formulas are given for the basic characteristics of flow.

The work has an erratum: in determining the Froude number, there should have been a rectangle of velocity, and not a first stage.

Card 1/2

TROYEPOLE'SKAYA, O.V.

(Kulak')

Pattern of the ca. 'lat' flow of a heavy 1' 11. Izv. vys.
ucheb. zav.; mat. no. 6:152-158 '63 (MIRA 17:3)

S/147/62/000/001/004/015
E191/E135

10.1230

AUTHORS: Tumashev, G.G., and Troyepol'skaya, O.V.
TITLE: Derivation of the shape of the jet behind a wing
with a jet flap
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Aviatsionnaya tekhnika, no.1, 1962, 32-37
TEXT: The shape of the jet behind a thin profile with a
small camber is considered having a jet flap (defined as an
artificially generated jet of air emerging at high velocity from
a slot in the trailing edge of the wing). A steady-state
potential flow of incompressible fluid is assumed. The wing
incidence angle and the angle of the jet flap are small. An
element of the jet between two normal sections is taken and the
equilibrium of forces considered. The centrifugal force is in
equilibrium with the difference of pressures at the boundary
with the surrounding flow. The mean line of the jet is
considered as a line of continuously distributed vortices
having a certain vorticity situated along the chord of the
Card 1/2

Derivation of the shape of the ... S/147/62/000/001/004/015
E191/E135

profile. Numerical computations are given for incidences of
0, 5 and 10°, for non-dimensional jet coefficients of 0.5, 1.5
and 3.0, and for jet outflow angles of 10, 15 and 20°. B
There are 3 figures and 1 table.

ASSOCIATION: Kafedra teoreticheskoy mekhaniki i gidroaeromekhaniki,
Kazanskiy gosudarstvennyy universitet
(Department of Theoretical Mechanics and Hydro-
aeromechanics, Kazan' State University)

SUBMITTED: April 24, 1961

Card 2/2

TUMASHEV, G.G.; TROYEPOL'SKAYA, O.V.

Determining the shape of the flow about a jet-flapped wing.
Izv.vys.ucheb.zav.; av.tekh. 5 no.1:32-37 '62. (MIRA 16:7)

1. Kazanskiy gosudarstvennyy universitet, kafedra teoreticheskoy
mekhaniki i gidroaeromekhaniki. (Airfoils)

KATAYEV, Yu.P.; TROYEPOLO'SKAYA, T.V.; ARBUZOV, A. Ye.

Syntheses of heterocyclic compounds based on E. Fisher's
reaction. Part 3: Catalysts of an "abnormal" course of reaction.
Zhur. ob. Khim. 34 no.6:1835-1843 Je '64. (MIRA 17:7)

KITAYEV, Yu.P.; TROYEPOL'SKAYA, T.V.

Tautomerism and geometrical isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No.9: Polarographic behavior of phenyl hydrazones. Izv.AN SSSR.Otd.khim.nauk (MIRA 16:4) no.3:465-473 Mr '63.

1. Khimicheskiy institut im. A.Ye.Arbutova AN SSSR.
(Hydrazones) (Tautomerism) (Polarography)

SHAGIDULLIN, R.R.; SATTAROVA, F.K.; TROYEPOL'SKAYA, T.V.; KITAYEV, Yu.P.

On the coexistence of different tautomeric forms of
phenyl hydrazones. Izv.AN SSSR.Otd.khim.nauk no.2:385-386
F '63. (MIRA 16:4)

1. Khimicheskly institut im. A.Ye.Arbuzov. AN SSSR.
(Hydrazones) (Tautomerism)

SHAGIDULLIN, R.R.; SATTAROVA, F.K.; TROYEPOL'SKAYA, T.V.; KITAYEV, Yu.P.

Tautomerism and geometrical isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No.10: Infrared spectra of the phenyl hydrazones of some aldehydes. Izv.AN SSSR.Otd.khim.nauk no.3:473-478 Mr '63. (MIRA 16:4)

1. Khimicheskiy institut im. A.Ye.Arbuzova AN SSSR.
(Hydrazones—Absorption spectra) (Tautomerism)

KITAYEV, Yu.P.; BUDNIKOV, G.K.; TROYEOL'SKAYA, T.V.; ARBUZOV, A. Ye.,
akademik

Quantitative evaluation of the effect of substituents on the
polarographic reduction of certain azomethine compounds. Dokl.
AN SSSR 137 no.4:862-865 Ap '61. (MIRA 14:3)

1. Khimicheskiy institut im.A. Ye. Arbuzova Kazanskogo filiala
AN SSSR.
(Schiff bases) (Hammett equation)

KITAYEV, Yu.P.; TROYEPOL'SKAYA, T.V.

Tautomerism and geometrical isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No.8: Polarographic study of phenyl hydrazone tautomerism. Izv.AN SSSR.Otd.khim. (MIRA 16:4)
nauk no.3:454-465 Mr '63.

1. Khimicheskiy institut im. A.Ye.Arbutova AN SSSR.
(Hydrazones) (Tautomerism) (Polarography)

SHAGIDULLIN, R.R.; SATTALOVA, F.K.; SEMENOVA, N.V.; TROYEPOLOVSKAYA, T.V.;
KITAYEV, Yu.P.

Tautomerism and geometrical isomerism of nitrogen-containing
derivatives of carbonyl compounds. Report No. 2: Infrared
spectra of phenylhydrazones of some ketones. Izv. AN SSSR.
Otd. khim. nauk no.4:633-637 Ap '63. (MIRA 16:3)

1. Khimicheskiy institut im. A. Ye. Arbuzova AN SSSR, Kazan'.
(Hydrazones—Absorption spectra) (Isomerism)

L 25439-66 EPF(n)-2/EWT(m)/ETC(f)/EWG(m) WW/GS

ACC NR: AT6005816

SOURCE CODE: UR/0000/65/000/000/0078/0084

AUTHORS: Troyanskiy, V. B.; Shikhov, S. B.

ORG: none

TITLE: Critical dimension of a reactor without reflector and the spatial-angular distribution of neutrons in the approximation of the material parameter

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Nekotoryye voprosy fiziki i tekhniki yadernykh reaktorov (Some problems in the physics and engineering of nuclear reactors). Moscow, Atomizdat, 1965, 78-84

TOPIC TAGS: neutron distribution, reactor neutron flux, nuclear reactor characteristic, transport equation

ABSTRACT: The purpose of the paper was to present an approximate calculation of the extrapolation distance and to determine the spatial-angular distribution in the asymptotic region. The calculation consists essentially of determining solutions for an infinite

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ACC NR: AT6005816

medium such as would describe in the best manner the solution of the neutron balance equation in a limited volume. It is shown first that the asymptotic spatial-angular distribution of the neutron flux in a reactor without reflector can be determined from the neutron-balance equation, and formulas are then derived for the dimensionless half-thickness of the reactor from the single-velocity kinetic equation in the transport approximation. These formulas are found to be close to the results of high approximations of the method of spherical harmonics (P_g method) and the Carlson method (S_n method). The deviation from the results of a variational method with quadratic trial function is less than 1%. The results for the extrapolation distance are more accurate in the entire range of the parameter c (defined in the text) than in the P_1 approximation. The authors thank V. V.

Orlov for a valuable discussion. Orig. art. has: 2 figures, 11 formulas, and 1 table.

SUB CODE: 18 / SUBM DATE: 05Jun65/ ORIG REF: 002/ OTH REF: 004

Card 2/2 CC

3(5).
PHASE I BOOK EXPLOITATION
SOV/2284

PHASE I BOOK EXPLOITATION

1822/AOS

Москва. Всесоюзный научно-исследовательский геолого-разведочный
нефтяной институт

Tekhnicheskaya i nafto-gazovennosti i upravleniya geologoravvedochnykh rabot severostozhnykh rayonakh Uralo-Volzhskoy natsionalnoy oblasti; izvestiya uchbenogo sovesha VNIIGI, dekabr 1956 g., Kazan'. (Oil and Gas-Geology and Management of Geological Exploration in the Territories and the Direction of Geological Exploration in the Northern Region of the Volga-Ural Petrolierous Region. Session of the Scientific Council of the All-Union Petroleum Scientific Research Institute of Geological Exploration Held at Kazan' December 1956). Moscow: Gospetrolekhtizdat, 1958. 257 p. Errata slip inserted. 1,000 copies printed.

Additional Sponsoring Agency: USSR- Ministerstvo geologii i okhrany
nedr.

Ed.: A. I. Kleshchev, Candidate of Geological and Mineralogical Sciences; Executive Ed.: P. R. Yershov; Tech. Ed.: S. A. Mukhina.

PURPOSE: This book is intended for petroleum geologists.

COVERPAGE: This collection of articles is the result of a field section held in Kazan' in December 1956 by the scientific council of the Union Petroleum Scientific Research Institute for Geological Exploration. The session was attended by members of the geological service of the Kazan' University, the Kazan' Scientific Institutions of Kazan', various petroleum research and industrial organizations, and the Kazan' University. The session discussed the prospects and possibilities of the petroleum district in the northeastern part of the Volga-Ural oil-bearing plateau, its current problems in geological surveying and exploration, and plans for future drilling. All reports, presentations, replies to queries, the resolutions and recommendations made by the council, and the chairman's concluding remarks, are reproduced in the collection. The articles are accompanied by diagrams and tables. No references are given.

TABLE OF CONTENTS:

Oil-and Gas-bearing Possibilities (Cont.)

4827/2284

Protopol'skiy, V.I., and S.S. Klyarn. Oil Possibilities in the North-
west of the Atsubayev-Malekaskaya Depression 160

...

Report 2

Монгол, Л. Н.

Vissarionova, A. Ya.

0. Y. A. O.

Semikhatova, S. V.

Zakurkov, G. Ya.

Shelton, I. Ya.

Lobov, V. A.

US 2003

PRITULA, Yu.A.; ABRIKOSOV, I.Kh.; AVROV, P.Ya.; KAZACHENKO, A.A.; KILIGINA,
N.I.; KULIKOV, F.S.; MEL'NIKOV, A.M.; TATARINOV, A.G.;
TROYEPOL'SKIY, V.I.; TSYPLENKOV, G.G.; SHPIL'MAN, A.I.;
DAYEV, G.A., vedushchiy red.; LINDTROP, N.T., red.;
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Volga-Ural oil-bearing region; oil potential] Volgo-Uralskaya
neftenosnaya oblast'; neftenosnost'. Leningrad, Gostoptekhizdat,
1957. 175 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.104). (MIRA 16:8)
(Volga-Ural region—Petroleum geology)

TROYEPOL'SKIY, V.I.; SHELKOV, V.M.; BADAMSHIN, E.Z.; NAPALKOV, V.N.

Petroleum potential and methods for petroleum prospecting
in fractured reservoirs of the carbonaceous section at
the eastern edge of the Aksubayevo-Melekes depression.
Izv. vys. ucheb. zav.; neft' i gaz 6 no.8:3-8 '63.

(MIRA 17:6)

1. Kazanskiy gosudarstvennyy universitet imeni Ul'yanova-Lenina.

15-57-2-1624

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,
p 67 (USSR)

AUTHOR: Troyepol'skiy, V. I.

TITLE: The Paleogeography and Facies Peculiarities of Sedimentation in Northern and Northwestern Tataria During the Devonian (Paleogeografiya i fatsial'nyye osobennosti osadkonakopleniya na severe i severo-zapade Tatarii v devonskiy period)

PERIODICAL: Uch. zap. Kazansk. un-ta, 1955, Vol 115, Nr 16,
pp 13-24

ABSTRACT: The author examines the facies peculiarities and the paleogeographic environment of the Devonian in the northern and northwestern parts of Tataria. The sediments lie on an irregular surface of the crystalline basement. Marine, lagoonal, and continental facies are distinguished. The predominant marine facies is

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15-57-2-1624

The Paleogeography and Facies Peculiarities (Cont.)

subdivided into facies of the upper and lower parts of the shelf. The first of these subdivisions, in turn, consists of a littoral facies and an open-sea facies. Sandy silt, conglomeratic sediments, and chemically precipitated clays are noted among the littoral deposits. Ashy tuffs and glassy and recrystallized lavas, occurring in the sandy silts, are also of the same facies. The open-sea facies includes strata of calcareous and dolomitic rocks: coralline, pseudobrecciated, and other non-bituminous varieties of limestones and greenish gray marls. The facies of the lower part of the shelf consists of bituminous Domanik rocks. In this sequence there are distinguished the marine Domanik facies of bituminous organic calcareous muds (brownish and black, commonly cherty limestones with abundant fossils) and bituminous clay muds (less bituminous black argillaceous calcareous shales and marls with few fossils). The lagoonal facies contains argillaceous muds of freshened marine shallow-water lagoons. The rocks are dark gray and greenish gray mudstones, containing secondary siderite and pyrite and having an

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15-57-2-1624

The Paleogeography and Facies Peculiarities (Cont.)

organic carbon content up to 2.5 percent, deposited in relatively deep-water freshened lagoons. Primary gypsum, dolomite, and anhydrite from saline lagoons are also present. The following facies are distinguished among the deposits of the coastal plain: alluvial-fan sandy silt and clay sediments, quartz beach sands, beach carbonatic muds and argillaceous siltstones in freshened lakes and swamps (red mudstones and marls); and the facies of carbonaceous argillaceous calcareous muds and siltstones of freshened lakes and swamps (sandstones, siltstones with carbonaceous detritus, silty mudstones, marls, and layers of brown and, rarely, hard coal). The paleogeography of this region is discussed for the interval from pre-Givetian to Famennian times. The author notes that at the beginning of Givetian time the region was a raised plateau-like plain. During the lower Givetian the sea transgressed into the lower parts of the incipient basin. Throughout the upper Givetian the region was open sea, somewhat freshened toward the beginning of Pashiya time. Differential fluctuating movements occurred at this time and submarine lavas were extruded locally. The Kyn and Sargayevo epochs

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The Paleogeography and Facies Peculiarities (Cont.)

were characterized by regional depression and the formation of an open sea with normal hydrodynamic conditions. This basin was preserved during Domanik time, and a stable reducing environment was developed in its eastern part. Similar conditions existed in Mendym and Askyn times (except in the southwest, where there was dry land at the beginning of Askyn time). The climate became hot in Famennian time. The salinity of the basin increased, and gypsum and dolomite began to precipitate. The salinity of the sea became normal during the second half of the Famennian epoch.

Card 4/4

B. Yu. Ye.

TRUYE POL'SKIY, V.I.; LEBEDEV, N.F.

Regularities in the distribution of bitumens in the Permian
sediments of the Melekes depression. Izv. vyc. ucheb. zav.;
neft' i gaz 7 no.7:13-17 '64. (MIRA 17:9)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

TROYEPOL'SKIY, V.I.

Conditions governing the formation and preservation of oil
pools in Devonian terrigenous sediments of the lower Kama Valley.
Uch. zap. Kaz. un. 117 no.9:312-316 '57. (MIRA 13:1)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.
Kafedra geologii nefti i gaza.
(Kama Valley--Petroleum--Geology)

TIKHOVINSKAYA, Ye.I.; TROYEPOLO'SKIY, V.I.

Dividing the northern and western Tatar A.S.S.R. into districts
on the basis of oil prospects of Devonian terrigenous sediments.
Uch. zap. Kaz. un. 117 no.9:304-307 '57. (MIRA 13:1)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.
Kafedry geologii nefti i gaza i geologii SSSR.
(Tatar A.S.S.R.--Petroleum--Geology)

KRUPIN, V.I.; TIKHVINSKAYA, Ye.I.; TROYEPOL'SKIY, V.I.

Oil prospects in the Tatar A.S.S.R. based on Carboniferous
sediments. Uch. zap. Kaz. un. 117 no.9:308-311 '57.
(MIRA 13:1)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.
Kafedry geologii nefti i gaza i geologii SSSR.
(Tatar A.S.S.R.--Petroleum--Geology)

TROYEPOL'SKIY, V.I.; ELLERN, S.S.; MAL'TSEV, M.V.; SOLOANIK, G.Ya., red.
IBRAQIMOVA, Z.A., tekhn.red.

[Tataria is a petroleum republic; a popular account] Tataria -
respublika nefi; nauchno-populiarnyi ocherk. Kazan', Tekhnigo-
izdat, 1957. 154 p. (MIRA 11:7)

(Tatar A.S.S.R.—Petroleum industry)

15-57-3-3499

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 148 (USSR)

AUTHOR: Troyepol'skiy, V. I.

TITLE: The Question of the Conditions of Formation and Preservation of Oil Deposits in the Clastic Devonian Beds in the Depressed and Arched Regions of the Volga Region
(K voprosu ob usloviyakh formirovaniya i sokhraneniya zalezhey nefti v terrigennoy tolshche devona v depressionnykh i svodovykh oblastyakh Povolzh'ya)

PERIODICAL: Uch. zap. Kazansk. gos. un-ta, 1955, Vol 115, Nr 10,
pp 89-91

ABSTRACT: On the southern dome of the Tatarskiy arch, beginning with the Devonian and Continuing throughout the rest of geologic time, conditions have been favorable for the preservation of oil in the Devonian rocks. In several places on the northern dome of the Tatarskiy arch, in the Zainskiy downwarp, and in the Kazan' basin, conditions

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15-57-3-3499

The Question of the Conditions of Formation (Cont.)

were less favorable because of faulting of the Devonian rocks. The most probable source rocks are the sequences of clay rocks occurring in the uppermost parts of the lower Givetian and upper Givetian sub-series. The bitumens in the Permian deposits of Tatar ASSR are considered to be secondary, migrating from deep-lying Carboniferous and Devonian rocks in the Aksubayevo-Melekekesskaya depression.

N. A. Ye.

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15-57-3-3510

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 149 (USSR)

AUTHORS: Troyepol'skiy, V. I., Postnikov, D. V.

TITLE: The Problem of the Structure and Availability of Pore
Space in Carbonate Reservoir Rocks (K voprosu o struk-
ture i pronitsayemosti porovogo prostranstva karbon-
atnykh kollektorakh)

PERIODICAL: Uch. zap. Kazansk. un-ta, 1956, Vol 115, Nr 16,
pp 219-223.

ABSTRACT: It is impossible to describe the permeability of
carbonate reservoir rocks by studying occasional sec-
tions of pore spaces, nor can the permeability be
related by definite formulas to the porosity or size
of the pores. Even a small number of cracks sharply
alters the seepage properties of a rock.

no initials

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Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 182 (USSR) 15-57-8-11387

AUTHORS: Troyepol'skiy, V. I., Ellern, S. S.

TITLE: New Data on Geological Structure and Formation of the
Northern Part of the Aksubayevo-Meleless Depression
(Novyye dannyye o geologicheskoy stroenii i istorii
formirovaniya severnoy chasti Aksubayevo-Melelesskoy
depressii)

PERIODICAL: Uch. zap. Kazansk. un-ta, 1956, Vol 116, Nr 5, pp 194-
197

ABSTRACT: The Aksubayevo depression lies between the Tatarsk
and Tokmovo anticlines. Along the lower levels of the
Devonian period, it passes, to the north, into the
narrow meridional Kazan flexure, and to the northeast,
into the Zayinsk-Saraylinskiy progib (flexure), which
divides the north and south extensions of the Tatarsk

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15-57-8-11387

New Data on Geological Structure (Cont.)

dome. Along the Schwagerina level, to the west, the depression is bounded by a steep monocline, complicated by the Pichkasskaya and Bugry struktury (structures), while its eastern border is complicated by terrace-like steps. The contours of the Aksubayevo depression coincide on all levels and are in good conformity with the gravity map. The Aksubayevo-Melekes depression is basically of post-Permian age. Oil accumulation traps are believed to exist in the lower Frankian, Givetian, and Visean zones on the western border. Permian bituminous developments along the periphery of the depression are favorable indications of the existence of petroleum deposits in the Carboniferous and Devonian on the western border.

Card 2/2

Iu. A. Kosygin

Troyepol'skiy, V.I.

ELLERN, S.S. (Kazan'); TROYEPOL'SKIY, V.I. (Kazan'); MURAV'YEV, I.S. (Kazan');
IVAKOV, Ye.Ye. (Kazan'); KOROBova, N.F. (Kazan'); MALYSHEVA, O.N.
(Kazan'); CHURINA, N.P. (Kazan')

Stratigraphy and facies structure of the Devonian in the Tatar
A.S.S.R. Uch.zap.Kaz.un. 115 no.10:85-88 '55. (MLRA 10:5)
(Tatar A.S.S.R.--Geology, Stratigraphic)

TROYEPOLO'SKIY, V.I. (Kazan')

Conditions governing the formation and preservation of petroleum deposits in the Devonian terrigenous strata in anticlines and depressed areas of the Volga Valley. Uch.zap.Kaz.un. 115 no.10: 89-91 '55. (MLRA 10:5)

(Volga Valley--Petroleum Geology)

~~TROYEPOLSKIY, V.I.~~; ~~ELLERN, S.S.~~; VOZDVIZHENSKAYA, M.Kh., redaktor;
SALIKHOVA, A.S., tekhnicheskii redaktor

[Tatarstan in the Devonian period; its geological past] Tataria
v devonskii period; iz geologicheskogo proshlogo. Kazan',
Tatknigoizdat, 1956. 68 p. (MLRA 10:7)
(Tatar A.S.S.R. Geology, Stratigraphic)

TROYEPOI'SKIY, V.I.

Paleogeography and facies characteristics of Devonian formations in
the northern and northwestern Tatar A.S.S.R. Uch.zap.Kaz.un.115
no.16:13-24 '56. (MIRA 10:3)

1. Kafedra geologii nefti.
(Tatar A.S.S.R.--Geology, Stratigraphic)

TROYEPOL'SKIY, V.I.; ELLERN, S.S.

Age of Devonian volcanogenous formations in the Kazan region.
Uch.zap.Kaz.un. 115 no.16:25-28 '56. (MLRA 10:3)

1. Kafedra geologii nefti.
(Kazan--Geology, Stratigraphic)

TROYEPOL'SKIY, V.I.; ELIERN, S.S.

New data on the geological structure and history of formation
of the northern part of the Aksubayevo-Melekeess Depression.
Uch.zap.Kaz.un. 116 no.5:194-197 '56. (MLRA 10:4)

1. Kafedra geologii nefti.
(Tatar A.S.S.R.--Geology, Structural)

TROYEPOI'SKIY, V.I.; POSTNIKOV, D.V.

~~Structure and permeability of pore space in carbonate rocks.~~
Uch.zap.Kaz.un. 115 no.16:219-223 '56. (MLRA 10:3)

1. Kafedra geologii nefti.
(Porosity) (Carbonates (Mineralogy))

1. BLUDOROV, A.P.; TROYEPOL'SKIY, V.I.
2. USSR (600)
4. Coal - Tartar A.S.S.R.
7. Location of coal in Upper Devonian deposits of the Tartar region, A.P. Bludorov, V.I. Troyepol'skiy, Dokl.AN SSSR 90 no. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

TROYEPOLSKIY, V. I.

260T32

USSR/Geology - Coals of Tatar

11 May 53

"New Findings of Coals in the Upper Devonian
Deposits of Tatariya," A. P. Bludorov and V. I.
Troyepolskiy

DAN SSSR, Vol 90, No 2, pp 227-229

State that coals from these deposits are black
in color, have a strong luster, and a yellow cast
similar to metal, indicating a high degree of
carbonification. Presented by Acad D. S. Belyan-
kin 5 Jan 53.

260T32

SOLONTSOV, L.F.; TROYEPOL'SKIY, V.I.; ELLERN, S.S.

Stratigraphic position of the Borovka series in the eastern
Russian Platform. Uch.zap.Kaz.un. 120 no.4:3-11 '60. (MIRA 14:6)

(Russian Platform—Geology, Stratigraphic)

VALEYEV, R.N.; TROYEPOL'SKIY, V.I.

Tectonic characteristics and oil potential of the Tatar Arch.
Izv. vys. ucheb. zav.; neft' i gaz 5 no.6:9-14 '62. (MIRA 16:5)

1. Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina.
(Tatar A.S.S.R.—Petroleum geology)

TROYEPOL'SKIY, V.I.; BADAMSHIN, E.Z.; NAPAL'KOV, V.N.

Outlook for finding oil in the Kama-Kinel' Depression and
method of prospecting it. Izv. vys. ucheb. zav.; neft' i gaz
6 no.4:11-14 '63. (MIRA 16:7)

1. Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-
Lenina.

(Kama-Kinel' Depression—Petroleum geology)

TROYKPOL'SKIY, V.N., inzh.

Eliminating deformations of construction elements during welding.
Transp. stroi. 10 no. 12:34-36 D '60. (MIRA 13:12)
(Strains and stresses) (Steel, Structural--Welding)

TROYEPOL'SKIY, V.N., inzh.; GLOKHAREV, A.A., inzh.

Welding cast iron in an atmosphere of water vapor. Svar. proizv.
no.6:16 Ja '63. (MIRA 16:12)

1. Proyektno-konstruktorskoye byuro Glavstroymekhanizatsii.

THOMSON SKIT, V.N., inch.; SHANHAN, L.L., inch.

Reconditioning construction of air by 1400 by 2000 and
building up. Str. 1 dir. mach. 10 40.12-34 50 105
(PHEA 12:1)

TROYEPOL'SKIY, V.N., inzh.; DIVEYEV, P.A., inzh.; ARTYUKOV, M.I., inzh.

Electric contact welding in rail-welding trains. Trans. stroi.
13 no.8:14-17 Ag '63. (MIRA 17:2)

TROYEPOL'SKIY, V.N.

Welding in a protective atmosphere of steam. Transp. stroi. 12
no.4:30-32 Ap '62. (MIRA 15:5)

1. Glavnyy tekhnolog po svarke proyektno-konstruktorskogo byuro
Glavstroyemekhanizatsii.
(Electric welding)

TROYEPOL'SKIY, V.N., inzh.; DIVEYEV, P.A., inzh.

Welding and surfacing with powder wire. Transp. stroi. 13 no.7:36-
38 J1 '63. (MIRA 16:9)
(Electric welding)

S/135/61/000/001/014/018
A006/A001

AUTHORS: Troyepol'skiy, V.N., Liman, Yu.A., Engineers

TITLE: On Welding in Water Vapor Medium

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 1, pp. 46 - 47

TEXT: Based on extended industrial tests, it was found that the method of welding in water vapor atmosphere, developed by L.S. Sapiro, can be effectively used for the manufacture of welded units and machine parts of secondary importance, using Sv-08 electrode wire. During the tests with this new method it was established that although the arc was burning stably at high current densities, it became unstable at a lower current. Using recommendations of the Rostov Institute of Agricultural Machinebuilding an inductance resistance was connected to the d-c circuit when welding on reverse polarity. As a result splashing, which was previously observed, was reduced and stability of the process was raised. The Stalino Plant imeni 15-letiya LKSMU suggested a redesigned vapor generator assuring a stabler and more reliable vapor jet feed to the arc zone. The vapor generator (shown in an illustration), consists of body 1, (250 x 270 x 460 mm) and removable cover 2, with water filling aperture 3, safety valve 4, clamp panel 5 with heater

Card 1/3

On Welding in Water Vapor Medium

S/135/51/000/001/014/018
A006/A0C1

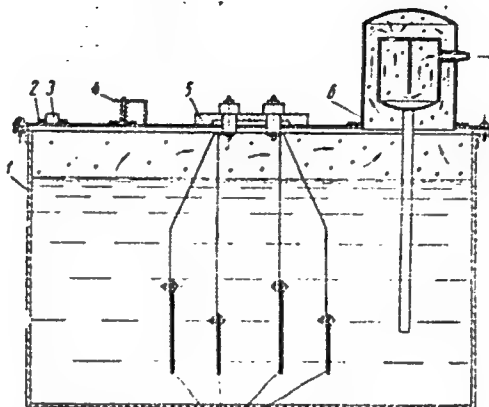
electrodes 7, and water separator 6. A quantity of 20 - 25 liters water is filled into the vapor generator. During the start (10 - 15 min) all the heater electrodes are power supplied. After heating the water up to 100°C, one or two electrodes are switched off, reducing the intensity of evaporation. The vapor supply to the arc zone is regulated by a rheostat. The jet length leaving the holder must not exceed 80 - 150 mm in operational position. The electric circuit of the unit excludes frequent short-circuiting of contacts, their sparkling and burning. Practice has shown that the described unit ensures a more stable process and prevents previous deficiencies in operation. ✓

Card 2/3

On Welding in Water Vapor Medium

S/135/61/000/001/014/018
A006/A001

Figure 1



There is 1 figure.

ASSOCIATION: PKB "Glavstroymekhanizatsiya "Ministerstva transportnogo stroitel'-
stva SSSR (PKB "Glavstroymekhanizatsiya" of the USSR Ministry of
Transportation Building)

Card 3/3

TROYEPOL'SKIY, V. N., inzh.; KUTIKOV, V. M., teknik

Manipulator for automatic build-up welding. Svar. proizv.
no.10:38-39 0 '62. (MIRA 15:10)

1. Proyektno-konstruktorskoye byuro Glavnogo upravleniya po
mekhanizatsii stroitel'nykh rabot.

(Electric welding—Equipment and supplies)

GREIL', Ye.A.; TRUYEPOL'SKIY, V.N.; KHYUKOV, V.L., redaktor; MUSH-
TAKOV, L.P., redaktor; PETRUSHKO, Ye.I., tekhnicheskii redaktor

[Cold welding of cast iron] Kholodnaya svarka chuguna. Moskva,
Gos.izd-vo selkhoz.lit-ry, 1955. 46 p. (MLRA 8:10)
(Cast iron--Welding)

FAL'KEVICH, A.S., kand.tekhn.nauk; SHEYNKIN, M.Z., inzh.; SHEYKO, V.I., inzh.;
FIL'CHAKOV, A.A., inzh.; TROYEPOL'SKIY, V.N., inzh.; LIMAN, Yu.A.,
inzh.; CHERNYSHENKO, I.G.; LYUBCHENKO, A.I., inzh.; KVARTIN, I.I.,
inzh.; KALASHNIKOV, F.I., inzh.; GOLOSOV, I.P.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu
magistral'nykh truboprovodov (for Fal'kevich, Sheynkin).
 2. Proyektno-
konstruktorskoye byuro "Glavstroyemkhanizatsiya" Ministerstva
trans. i rtnogo stroitel'stva SSSR (for Troyepol'skiy, Liman).
 3. Yasinovatskiy mashinostroitel'nyy zavod (for Chernyshenko).
 4. Stalinskiy zavod sel'skokhozyaystvennogo mashinostroyeniya
(for Lyubchenko).
 5. Odesskiy zavod prodovol'stvennogo mashino-
stroyeniya (for Kvartin, Kalashnikov).
 6. Staro-Kramatorskiy mashino-
stroitel'nyy zavod (for Golosov).
- (Welding) (Protective atmospheres)

TROYEPOLO'SKIY, V.N., inzh.;GREYL', Ye.A., inzh.

Preventing the formation of cementite in build-up welding of cast
iron parts. Transp. stroi. 9 no.11:49-50 M '59 (MIRA 13:3)
(Cast iron--Welding)

TOBURNNO, Yu.A.; TROYEPOL'SKIY, V.N.

Restoring the solid cutting edges of excavator buckets. Transp.
stroil. 9 no.3:33-35 Mr '59. (MIRA 12:4)

1. Nachal'nik mekhanizirovannoy kolonny No.29 Glavstroyemkhaniza-
tsii (for Toburno). 2. Starshiy inzhener proyektno-konstruktor-
skogo byuro Glavnogo upravleniya po mekhanizatsii stroitel'nykh
rabot (for Troyepol'skiy).

(Excavating machinery--Maintenance and repair)

Troyepol'skiy, V.N.

GREYL', Ye.A.; TROYEPOL'SKIY, V.N.; DROBINSKIY, V.A., redaktor; KANDYKIN, A.Ye.,
tekhnicheskiiy redaktor.

[Cold welding repairs of internal combustion engine parts of cast iron]
Remont chugunnykh detalei dvigatelei vnutrennego sgoraniia kholodnoi
svarkoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 22 p. (MLRA 8:1)
(Electric welding) (Diesel engines--Repairing)

ROYKAKH, S.Ye., kand.tekhn.nauk; TROYEPOL'SKIY, V.N., inzh.

Mechanization and automation of welding at the enterprises
of the Ministry of Construction for the Transportation Industry.
Transp.stroi. 10 no.7:23-26 J1 '60. (MIRA 13:7)
(Electric welding--Equipment and supplies)
(Automatic control)

MENDELEYEV, I.S., inzh.; TROYETSKAYA, A.A., inzh.

Twin generator with split poles. Vest.elektropraz. 33 no.1:
35-37 Ja '62. (MIRA 14:12)

(Electric generators)

МЕНДЕЛЕЕВ, И.С., инж.; ТРОЙЦКАЯ, А.А., инж.; СЕРДЛИК, Л.В.,
инж.

Practical method of calculating generator - engine systems
with triple winding exciters for electric propulsion
diagrams. Sudostroenie 26 no.6:28-32 Je '60.
(MIRA 13:7)

(Ship propulsion, Electric)

1964-67 EWT(1)
ACC NR: AP6021054 (A,N)

AUTHOR: Mendeleyev, I. S. (Engineer);

ORG: none

TITLE: High-power amplidyne 25
SOURCE: Elektrotehnika, no. 3, 1966, 9-10

SOURCE CODE: UR/0292/66/000/003/0009
Troyetskaya, A. A. (Engineer)

TOPIC TAGS: dynamoelectric amplifier, *electronic amplifier*
ABSTRACT: *Amplidyne design*
Amplidyne of a few hundred kw in one unit have been recently built in such machines; a salient-pole field winding laid in semiclosed slots in system and a bar-type compensating-field winding are inapplicable. However, placing the entire compensating-field pieces become necessary. Hence, a small concentrated field winding in the polepieces is inexpedient. Hence, a small concentrated field winding around each of the partial poles is suggested in compensating-field winding around each of the partial poles is suggested in

18

the

1964-67
ACC NR: AP6021054

UDC: 621.3.236.3.001.2
APPROVED FOR RELEASE: 03/14/2001
addition to the distributed airgap for the cases of concentrated (distributed) compensating-field advantages of the latter type.

SUB CODE: 09 / SUBM DATE: n

MENDELEYEV, I.S., inzh.; TROYETSKAYA, A.A., inzh.; BELOPOL'SKIY, A.M., inzh.

Special design features of enclosed d.c. machines. Energ. 1
elektrotekh. prom. no.2:39-41 Ap-Je '65. (MIRA 18:8)

SOV/110-59-i-17/28

AUTHORS: Mendeleev I.S., Troyetskaya A.A. and Sverdlin, L.V.
(Engineers)

TITLE: A Practical Method of Designing Three-Winding Direct-
Current Generators (Prakticheskiy metod rascheta
trekhobmotochnykh generatorov postoyannogo toka)

PERIODICAL: Vestnik Elektromyshlennosti, 1959, Nr 1, pp 60-62 (USSR)

ABSTRACT: Direct-current generators with the special characteristics required for certain industrial drives may have two or three field windings. This article describes practical methods of designing generators with three field windings. The external characteristics of a generator are usually determined by the mechanical characteristic of the prime mover and are expressed by three points: (1) the no-load voltage and armature current when the prime mover is running light; (2) the normal rated current and voltage; (3) the voltage and current at which the prime mover stalls. The generator design commences with determination of the output and selection of the type of machine. It is shown that the output for which the machine may be designed depends on the shape of the external characteristics, as shown in

Card 1/2

SOV/110-59-1-17/28

A Practical Method of Designing Three-Winding Direct-Current
Generators

Fig 1. In driving excavators and other equipment a good deal also depends upon the operating conditions and duty cycle. The method of constructing the external characteristics of a three-winding generator from the no-load curve is then explained with reference to Fig 2. A formula is given for the design of the field winding. A numerical example of generator design is then worked out.

Card 2/2

There are 2 figures, 1 table , no references.

SUBMITTED: June 16, 1958

TRCYNUE, A. A.

Geology

Soviet Source: P: Tekhnika Molodezhi, Dec 1946, Moscow

Abstracted in USAF "Treasure Island" Report No. 22835, on file in Library of Congress,
Air Information Division.

TROYN^{KH}, Ye. G.

Excavating Machinery

Mechanization of the excavating and loading process of peat with the machine unit
UKB-SKS. Torf. prom. 29 No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1962 UNCLASSIFIED

~~TROYKO--T.N.~~ ordinator

Synthomycin therapy for acute gonorrhea in men. Vest. ven. 1
derm. no.1:47-48 Ja-F '55. (MLRA 8:4)

1. In gorodskogo vendiapsanera Stalino-Donbass.
(CHLOROMYCETIN) (GONORRHEA)

TRYKOV, T.P. (Bolgariya); GUNCHEV, I.A. (Bolgariya); MARANGOZOV, S.V.
(Bolgariya)

Synthesis of a high-quality automatic control system using a model
with satisfaction of the invariance principle. Avtomatyka 10 no.1:35-
41 '65. (MIRA 18:6)

24.5600

37862
S/056/62/042/005/005/050
B125/B108

AUTHORS: Batrakov, G. F., Mis'kevich, O. P., Troynar, Ye.

TITLE: Measurement of surface tension between the superconducting and the normal phase

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 5, 1962, 1171 - 1172

TEXT: The surface tension was determined in tin at the interface between the superconducting and the normal phase. For this purpose, the period of the regular structure of the intermediate state in a transverse magnetic field at various temperatures was measured. According to L. D. Landau (ZhETF, 7, 371, 1937), normal and superconducting phases alternate in the said structure. The magnetic field structure was measured with ferro-magnetic powder and with bismuth micrometric instruments on the surface of three tin single crystals and inside a 100 μ wide slit. In all experiments, the intermediate state was produced by reducing the temperature and subsequently increasing the magnetic field to 0.9 H_{crit} . The experimental results became clearer and more regular when a slight current

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Measurement of surface tension...

S/056/62/042/005/005/050
B125/B108

passed through the specimen. The quantity $\Delta = \sigma_{ns} (8\pi/H_{crit}^2)$ which increases with temperature was measured. Results agree with those of other authors. σ_{ns} is the surface tension at the interface between the normal and the superconducting phase. There are 2 figures. ✓

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: December 8, 1961

Card 2/2

BATRAKOV, G.F.; MIS'KEVICH, O.R.; TROYNAR, Ye.

Measurement of the surface tension between superconducting
and normal phases. Zhur. eksp. i teor. fiz. 42 no.5:1171-1172
My '62. (MIRA 15:9)

1. Moskovskiy gosudarstvennyy universitet.
(Surface tension) (Superconductivity)

TROYNAR, Yo.

Destruction of superconductivity by a current. Zhur.eksp.i teor.fiz.
38 no.2:654-655 P '60. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet.
(Superconductivity)

L 14376-63 EPP(c)/EWT(1)/ENP(q)/EWT(m)/EEG(h)-2/BDS AFETC/ASD/

ESD-3 GG/JD/IJP(C)/K

ACCESSION NR: AP3001818

P/0045/63,023/005/0567/0579

AUTHOR: Troymur, Ye.

TITLE: On the destruction of superconductivity²⁾ by a current

SOURCE: Acta physica polonica, v. 23, no. 5, 1963, 567-579

TOPIC TAGS: superconductivity, superconductive transition, London scheme, ferromagnetic powder method, intermediate-state superconductive lead, critical current, critical field

ABSTRACT: Measurement was made of the course of resistance of cylindrical samples of lead in the intermediate state as a function of a current destroying superconductivity. The purpose was to compare the experimental data to the predictions of various workers. The structure of the intermediate state of the cylinder was determined by the ferromagnetic powder method, with the magnetic field transverse to the direction of current flow. The measurements confirmed the London scheme of the intermediate state of a cylinder with current and differed markedly from calculations based on Kuper's formulation. It was found that the experimentally observed difference between the magnitude of the resistance

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L 14376-63

ACCESSION NR: AP3001818

5

at the critical current and the theoretical value is $0.5 R_{sub n}$ ($R_{sub n}$ being the resistance in the completely normal state), and is due to the heating of the sample relative to the helium bath. The surface tension between the superconductive and normal phases and the scattering of conduction electrons at the phase boundaries does not play a significant role in the dependence of resistance upon the current. "The author considers it his pleasant duty to express deep gratitude to Prof. N. Ye. Alekseyevskiy for his constant guidance. He is also thankful to Prof. A. I. Shal'nikov for affording him the opportunity to perform this work in the Cryogenic Laboratory of Moscow State University."

Orig. art. has 4 numbered equations, 10 figures and 2 tables.

ASSOCIATION: Zaklad Niskich Temperatur Instytutu Fizyki PAN, Wrocław (Low-Temperature Institution of the Institute of Physics of the Polish Academy of Sciences)

SUBMITTED: 18Jul62

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: GE

NO REF SOV: 003

OTHER: 011

Card 2/2

NEFARIDOL, H.Kh.; NOVAKOV, Ye.I.; TROITSKY, A.V.

Increasing the precision of the plane instrument of the
measurement. Izv. tekh. nr. 9:15-17 1965.

(MIRA 18:10)

TROYNIKOVA, A.D.

TROITSKAYA, V.B.; TROYNIKOVA, A.D.

Effect of vagus and sympathetic nerves on secretory function of the
pancreas. Trudy Inst. fiziol. 3:127-131 '54. (MLRA 8:2)

1. Laboratoriya fiziologii i patologii pishchavareniya i krovoobra-
shcheniya. Zaveduyushchiy A.V.Solov'yev.

(PANCREAS, physiology,

secretion, regulation by sympathetic & vagus nerves)

(NERVES, VAGUS, physiology,

regulation of pancreatic secretion)

(SYMPATHETIC NERVOUS SYSTEM, physiology,

regulation of pancreatic secretion)

L 22600-66 EWT(m)/EWP(j)/T/ETC(m)-6 IJP(c) WW/GS/RM

ACC NR: AT6006244

SOURCE CODE: UR/0000/65/000/000/0048/0055

AUTHOR: Omel'chenko, S. I.; Troynikova, Ye. I.; Sadovskaya, Z. M.; Komashko, A. M.

ORG: Ukrainian Scientific Research of Plastics, Donetsk (UkrNII^{pl}astmass)

TITLE: Initiation systems for the copolymerization of polyglycolmaleinate resin modified with cyclopentadiene

SOURCE: AN UkrSSR. Modifikatsiya svoystv polimerov i polimernykh materialov (Modification of the properties of polymers and polymeric materials). Kiev, Naukova dumka, 1965, 48-55

TOPIC TAGS: copolymerization, polymerization catalyst, polymerization initiator, synthetic material, catalytic polymerization

ABSTRACT: The effectiveness of isopropylbenzohydroperoxide (IPBHP)-, methylethylketone peroxide (MEKP)- and cyclohexanone peroxide (CHP) supplemented with U-100 accelerator, $(\text{NH}_4)_2[\text{Co}(\text{CNS})]$, on the copolymerization of PNTs-2E-6⁶ polyglycolmaleinate resin with cyclopentadiene was investigated. The copolymer samples were prepared by mixing a resin-styrene solution (100:400 styrene to resin ratio) with an initiator-accelerator system followed by pouring into molds and setting at $20 \pm 1^\circ\text{C}$. The concentration of IPBHP in styrene was 3-5%. The concentration of MEKP was 0.2-0.7% and concentration of CHP was 0.2-0.8%. The copolymerization duration was 95-230 minutes.

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L 22600-66

ACC NR: AT6006244

The copolymers were held for 1-4 hours at 60-120°C. The concentration of U-100 was 0.01-0.03% based on Co⁺⁺ ion content. In the case of IPBHP, a copolymer with the best physicomachanical properties was obtained using 3% IPBHP, 0.02% Co⁺⁺, and thermal treatment at 100-120°C. After 30 days of aging, the copolymer contained 94% non-extractible matter. The properties of the styrene-PNTs-2E-6 resin copolymers obtained with various initiation systems are presented in a table. Orig. art. has: 9 figures, 4 tables.

SUB CODE: 07/

SUBM DATE: 06Oct65/

ORIG REF: 002/

OTH REF: 000

Card 2/24 w

TROYNIKOVA, Ye.I. [Troinykova, IE.I.]; SADOVSKAYA, Z.M. [Sadovs'ka, Z.M.];
KOMASHKO, A.M.; OMEL'CHENKO, S.I.

Initiating systems for the copolymerization of polyglycolmaleate
resins modified with cyclopentadiene. Khim. prom. [Ukr.] no.3:
33-35 J1-S '64. (MIRA 17:12)

USHAKOV, N.S.; TROYNIN, M.F., inzh., red.; MITARCHUK, G.A., red.
izd-va; SPERANSKAYA, O.V., tekhn. red.

[Electric bridge cranes] Mostovye elektricheskie krany.
2. izd., dop. i perer. Moskva, Mashinostroenie, 1964.
198 p. (MIRA 17:4)

TROYNIN, M.F

USHAKOV, Nikolay Stepanovich; SOLOV'YEV, V.Ye., inzh., ratsenzent;
TROYNIN, M.F., inzh., red.; VASIL'YEVA, V.P., red.izd-va;
SPHRANSKAYA, O.V., tekhn.red.

[Electrically driven bridge cranes] Mostovye elektricheskie
krany. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1959. 150 p. (MIRA 13:4)
(Cranes, derricks, etc.)

GLUSKIN, E.Ya.; POLYAKOV, N.V.; TROYNIN, M.F.; USHAKOV, N.S.;
NEFEDOV, P.K., inzh., red.

[Overall mechanization and automation of intraplant
transportation in instrument plants] Kompleksnaia me-
khanizatsiia i avtomatizatsiia vnutrizavodskogo trans-
porta v priborostroenii. 2., izd., ispr. i dop. Mo-
skva, Mashinostroenie, 1964. 283 p. (MIRA 17:11)

TROYNIN, Mitrofan Fedorovich; USHAKOV, Nikolay Stepanovich; DYAD'KIN,
Ye.I., inzh., retsenzent; VERKVKIN, N.S., kand.tekhn.nauk,
red.; DUDUSOVA, G.A., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Electric trucks] Elektrokary. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 155 p. (MIRA 13:10)
(Industrial electric trucks)

YURMANOV, B.N., kand. tekhn. nauk; USHAKOV, N.N., inzh.; TROYNIN, M.F.,
inzh., nauchnyy red.; PETRENKO, N.P., red.izd-va; VORONETSKAYA,
L.V., tekhn. red.

[Transducers and amplifiers in construction technology] Datchiki
i usiliteli v stroitel'noi tekhnike. Leningrad, Gosstroizdat,
1962. 118 p. (MIRA 16:1)

(Automatic control)

(Construction industry—Equipment and supplies)

GLUSKIN, Miya Yakovlevich; POLYAKOV, Nikolay Viktorovich; TROYMIN,
Mitrofan Fedorovich; USHAKOV, Nikolay Nikolayevich; USHAKOV,
Nikolay Stepanovich; SMIRANYAN, R.M., inzh., retsentsent;
NEFEDOV, P.K., inzh., red.; YURKEVICH, M.P., red.isd-va;
POL'SKAYA, R.G., tekhn.red.

[Over-all mechanization and automation of internal transportation
in instrument plants] Kompleksnaya mekhanizatsiya i avtomatizatsiya
vmutrizavodskogo transporta v priborostroenii. By M.IA.Gluskina
i dr. Moskva, Mashgiz, 1961. 326 p. (MIRA 14:12)
(Instrument industry) (Automation)
(Conveying machinery)

BERZIN, A.A.; TIKHOMIROV, F.A.; TROYNIN, V.I.

Is Steller's sea cow extinct? Priroda 52 no.8:73-75 Ag '63.
(MIRA 16:9)

1. Tikhookeanskiy nauchno-issledovatel'skiy institut rybnogo
khozyaystva i okeanografii, Vladivostok.
(Sea cow)

POPOV, V.D.; TROYNO, V.P.

Structure and rheological properties of sugar massacutes. Izv. :
vys'ucheb.zav.; pishch.tekh. no.6:67-73 '58. (MIRA 12:5)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti, Kafedra spetsoborudovaniya.
(Sugar manufacture)